

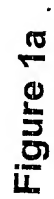
[illegible]

Figure 1a

Gamma Irradiation of Hydrolyzed Heart Valve
Cusps in the Presence of PPG 400 and 125 mM Trolox C

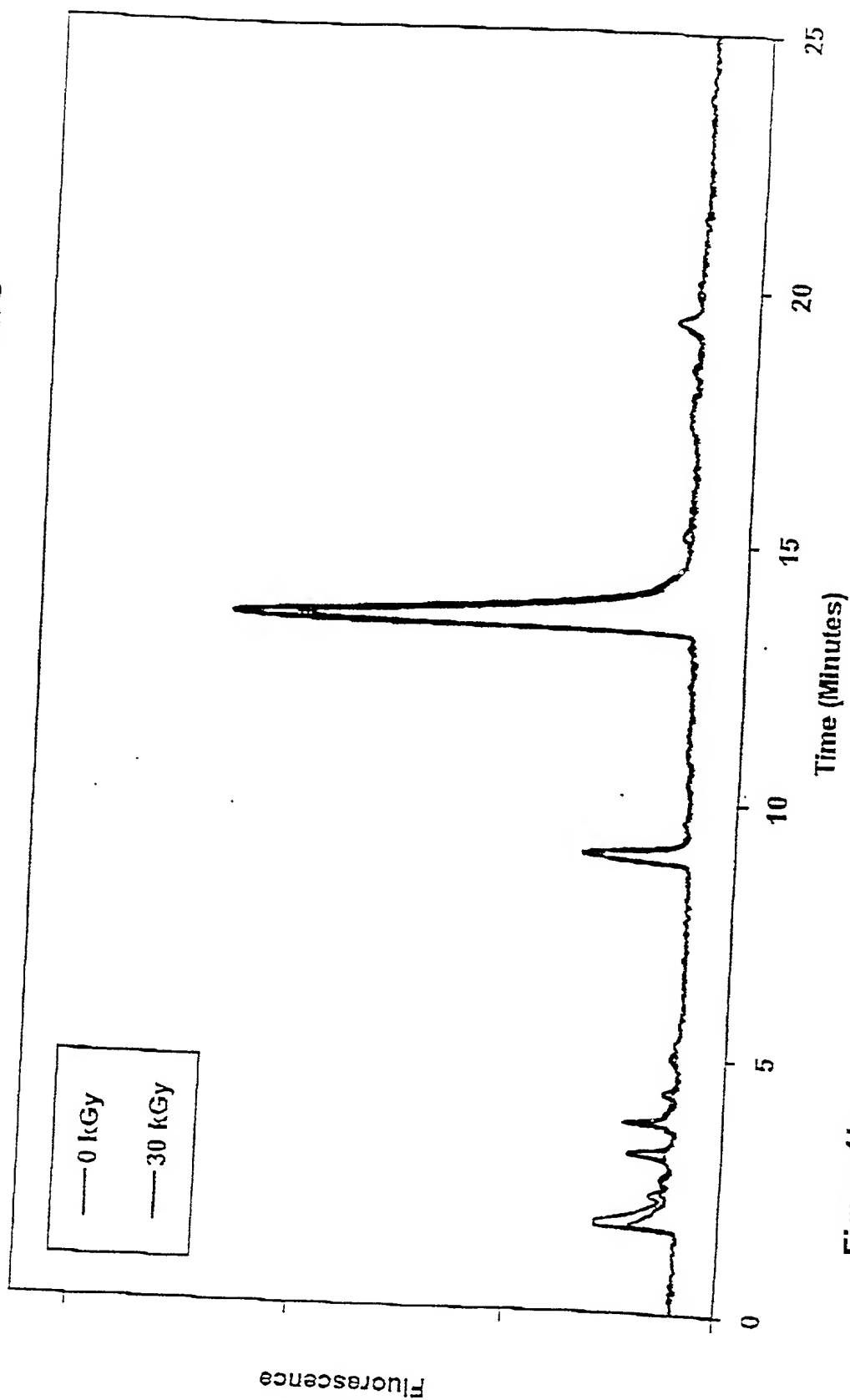


Figure 1b

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence
of PPG 400 and a Stabilizer Mixture of 62.5mM Trolox, 100mM Lipoic
Acid, 100mM Coumaric Acid, and 100mM n-Propyl Gallate

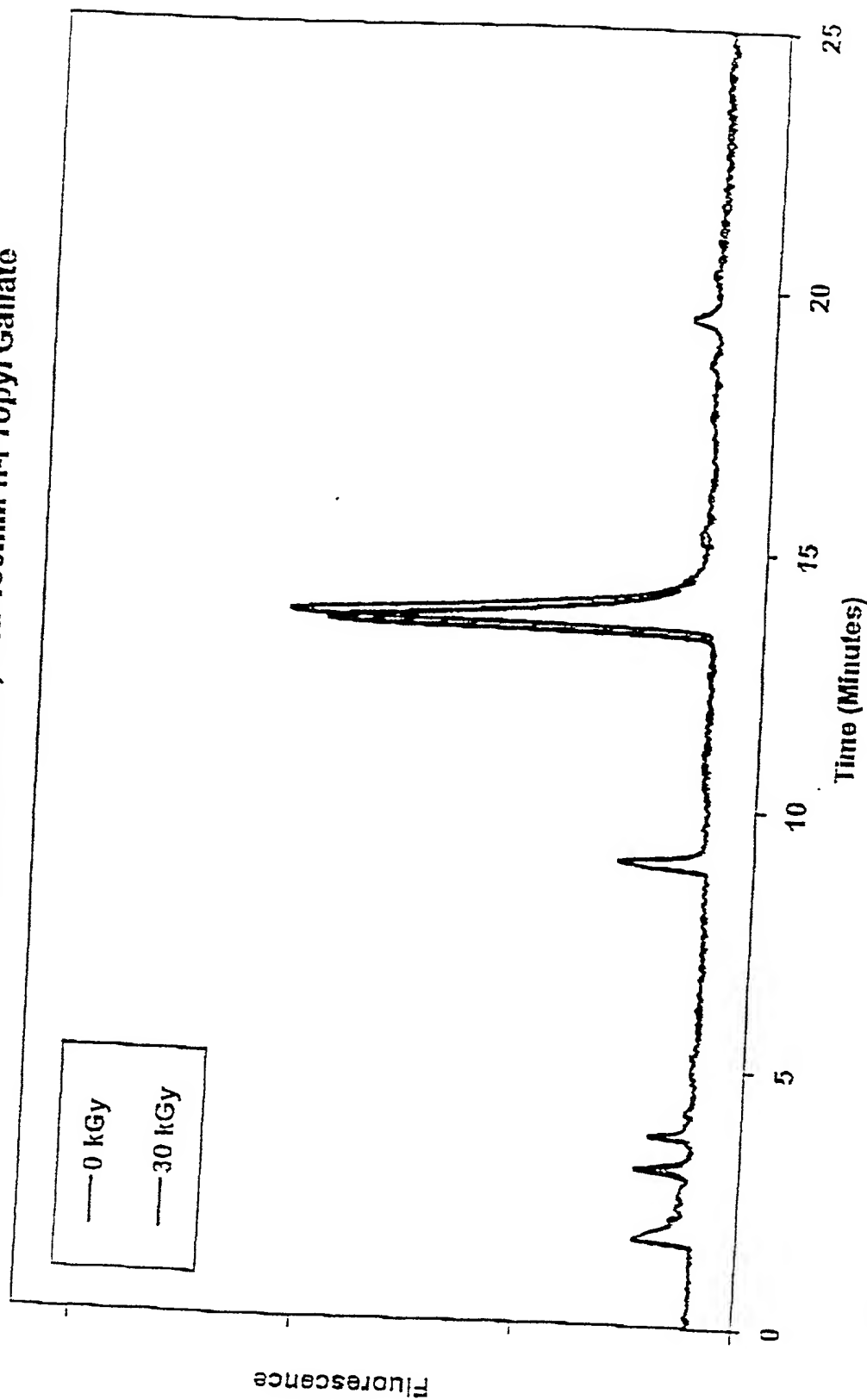


Figure 1c

Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of PPG400 with Various Stabilizers

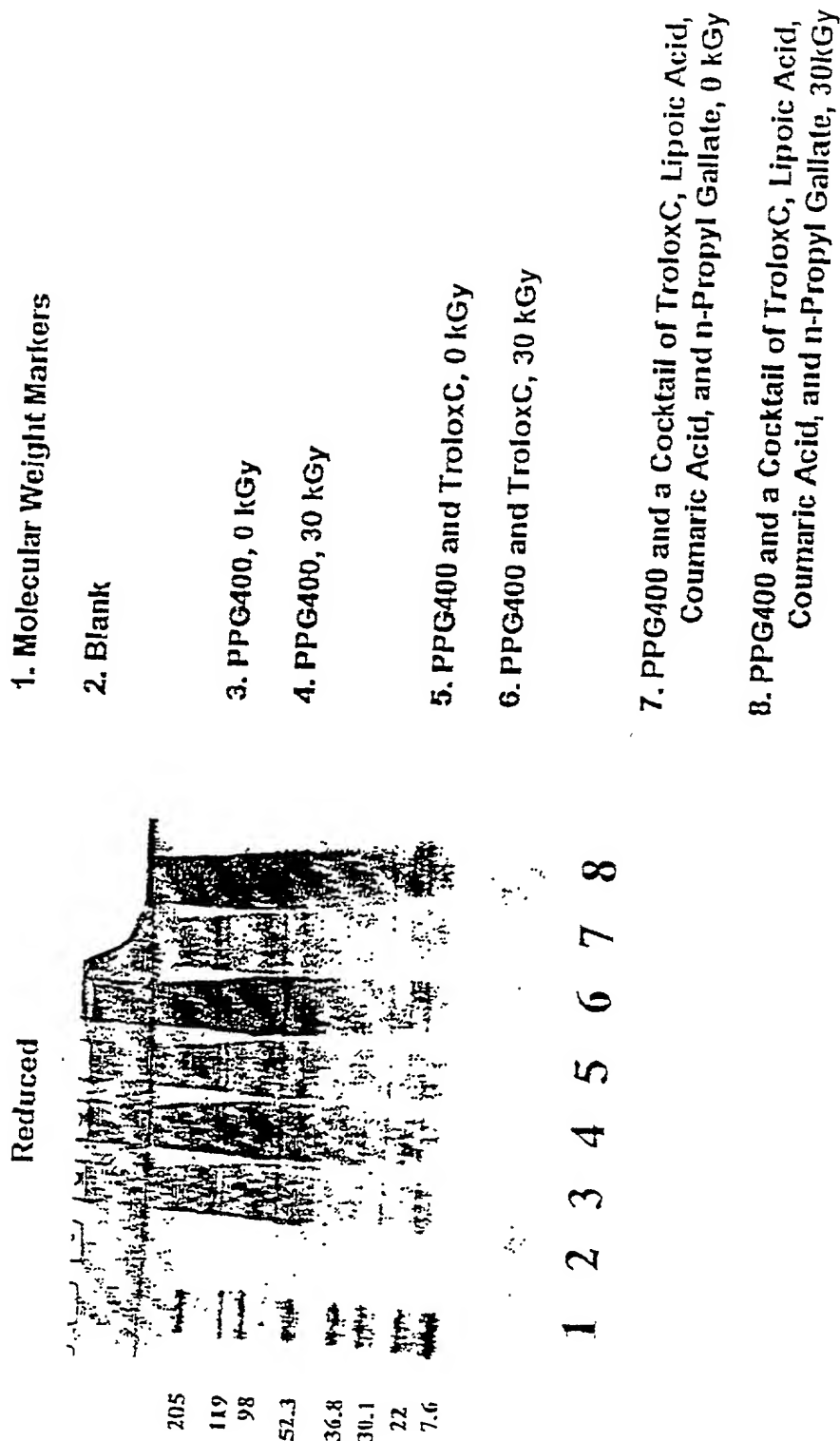


Figure 1d

Gamma Irradiation of Hydrolyzed Heart Valve
Cusps in the Presence of PBS

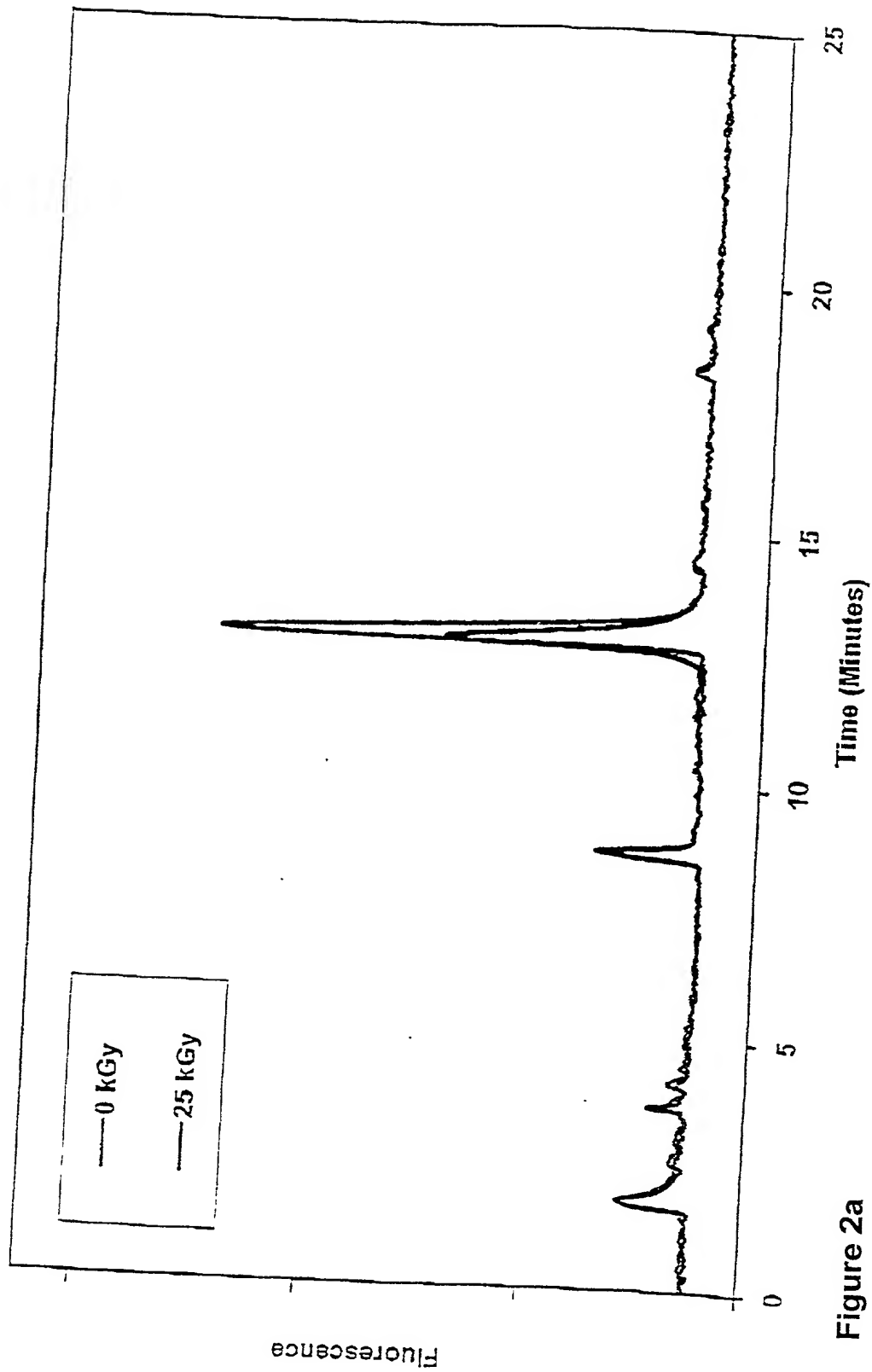


Figure 2a

Gamma Irradiation of Hydrolyzed Heart Valve
Cusps in the Presence of PPG 400

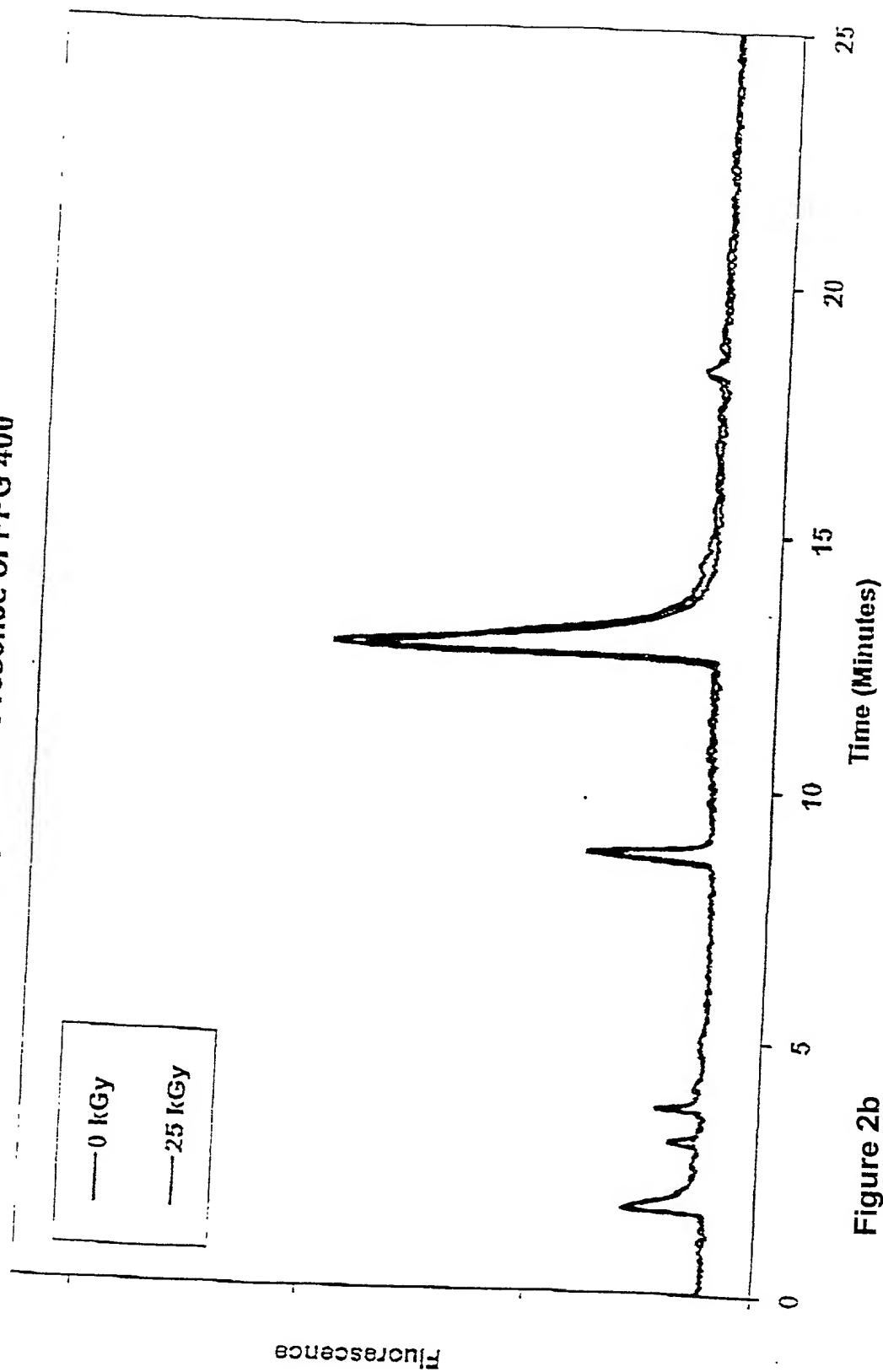


Figure 2b

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of 50% DMSO

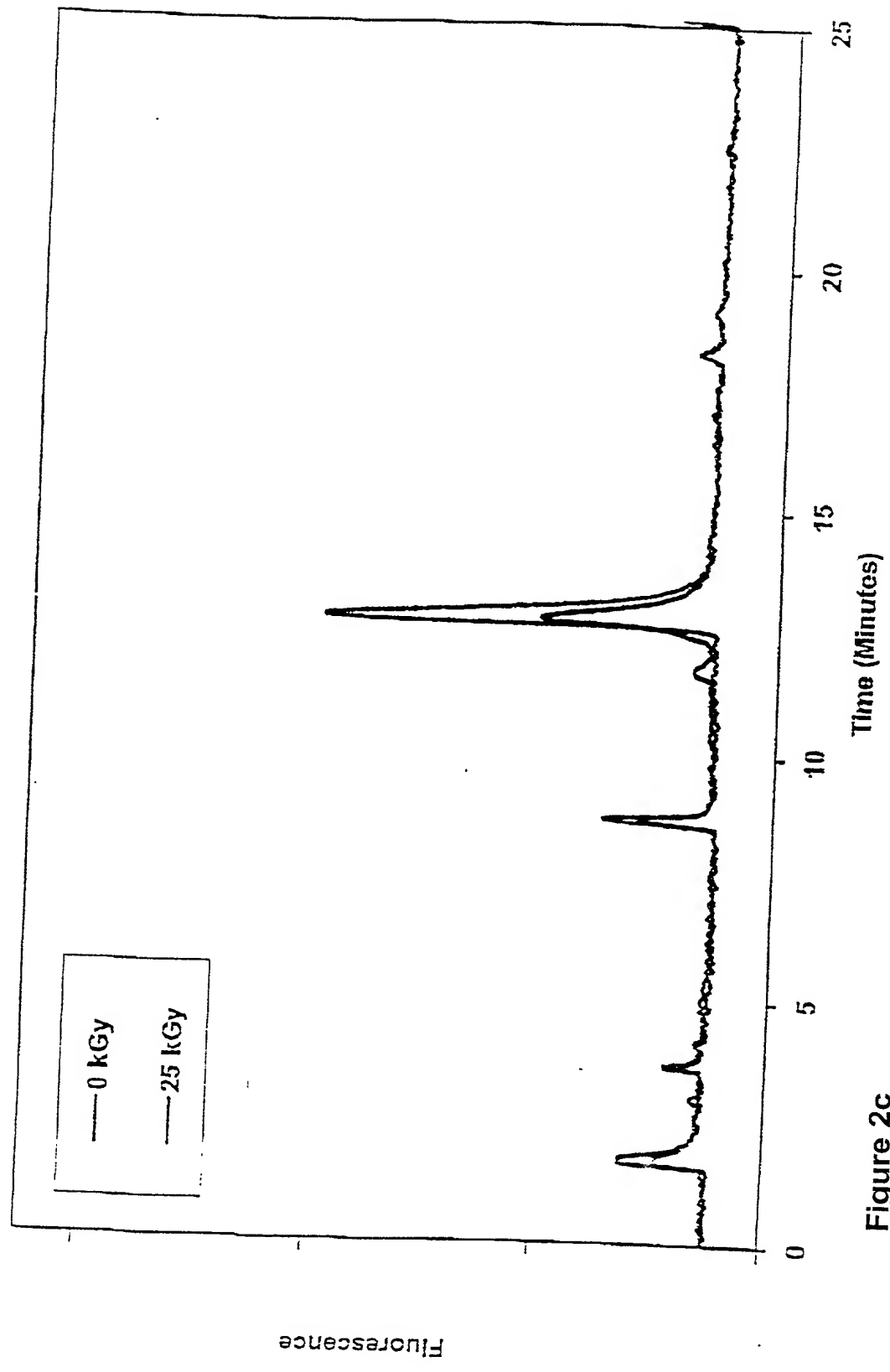


Figure 2c

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of 50% DMSO and a Stabilizer Mixture of 167 mM Ascorbate, 166 mM Coumaric Acid, and 100 mM n-Propyl Gallate

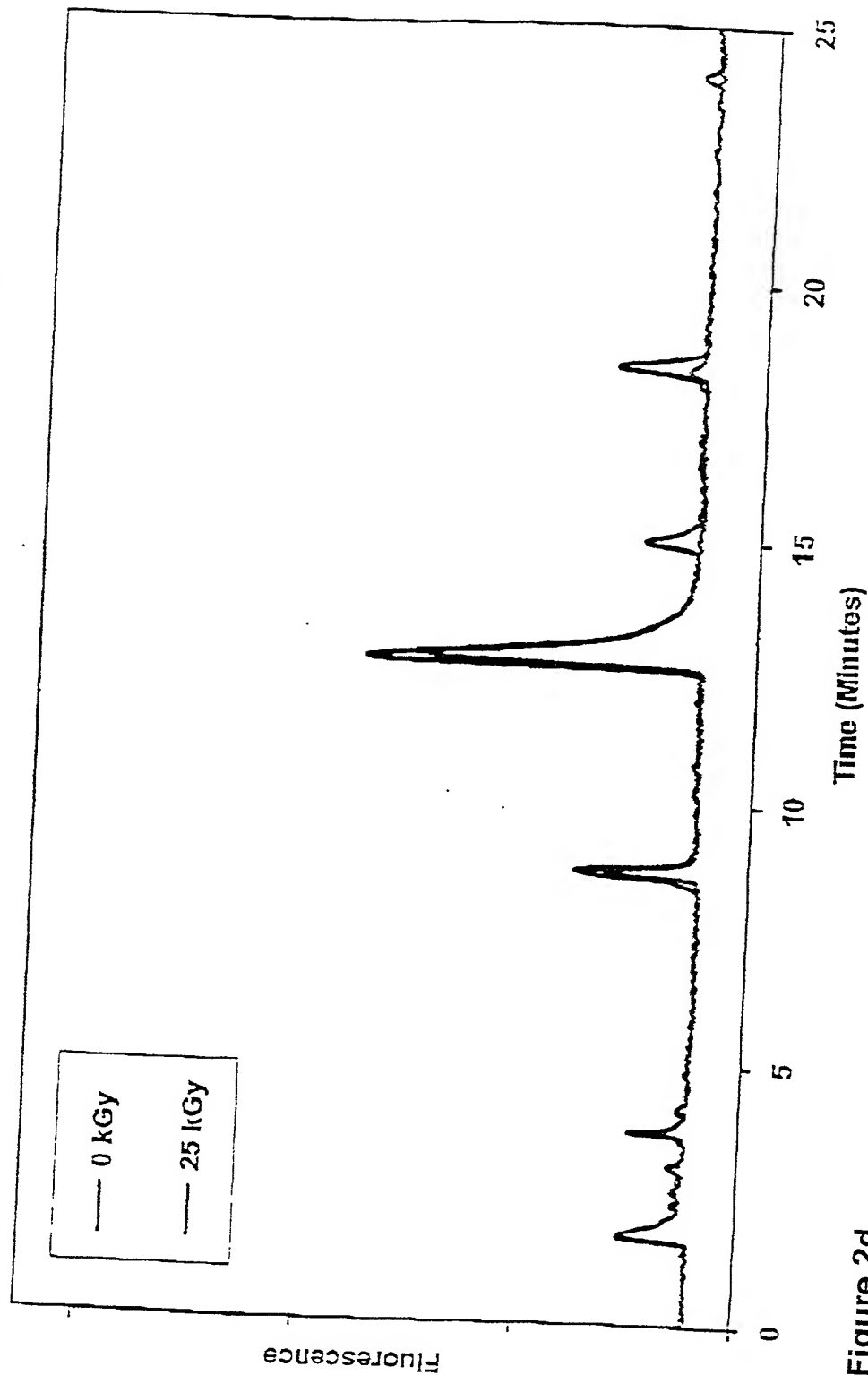


Figure 2d

Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of Various Solvents

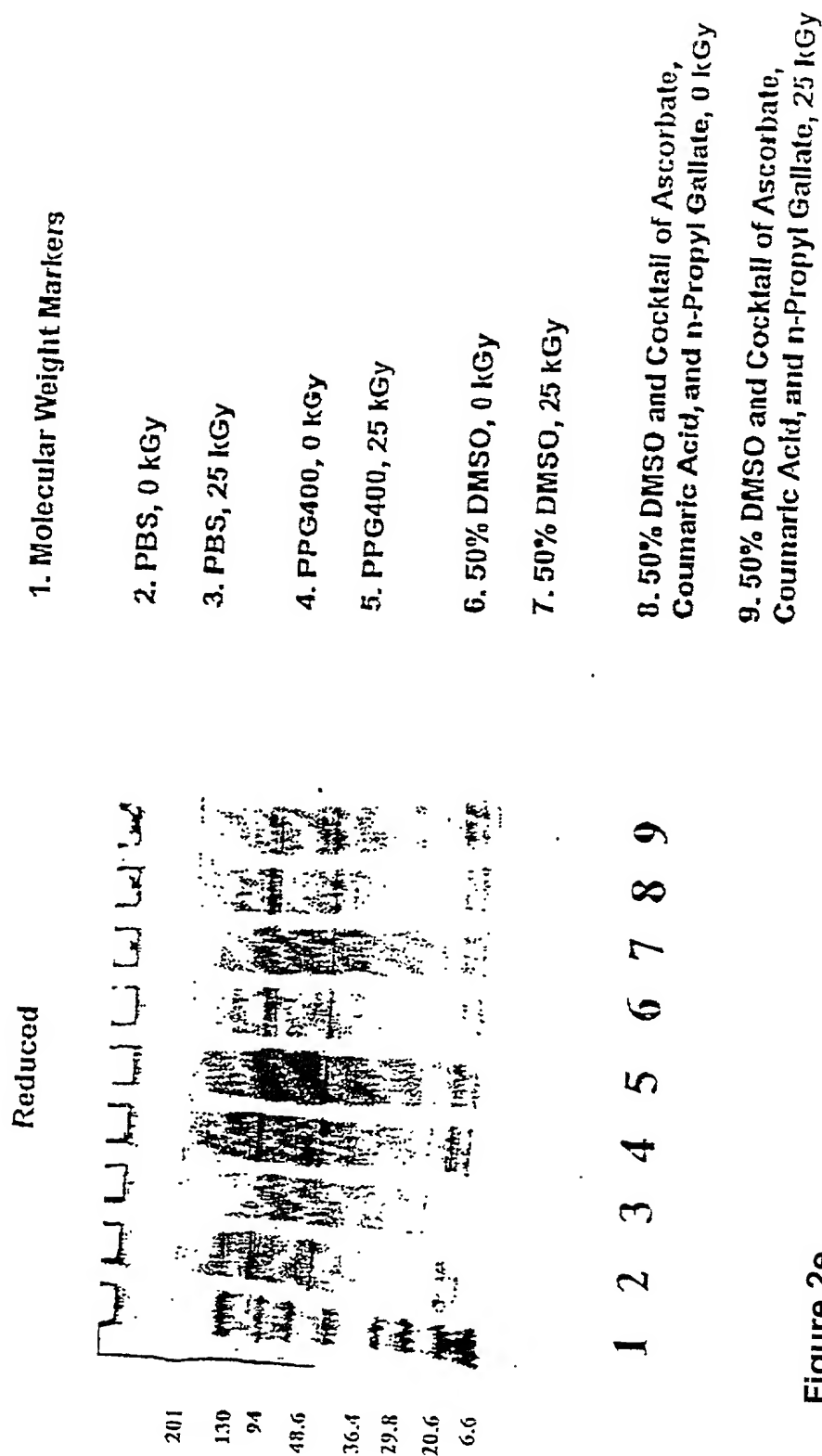


Figure 2e

Gamma Irradiation of Hydrolyzed Heart Valve
Cusps in the Presence of PBS

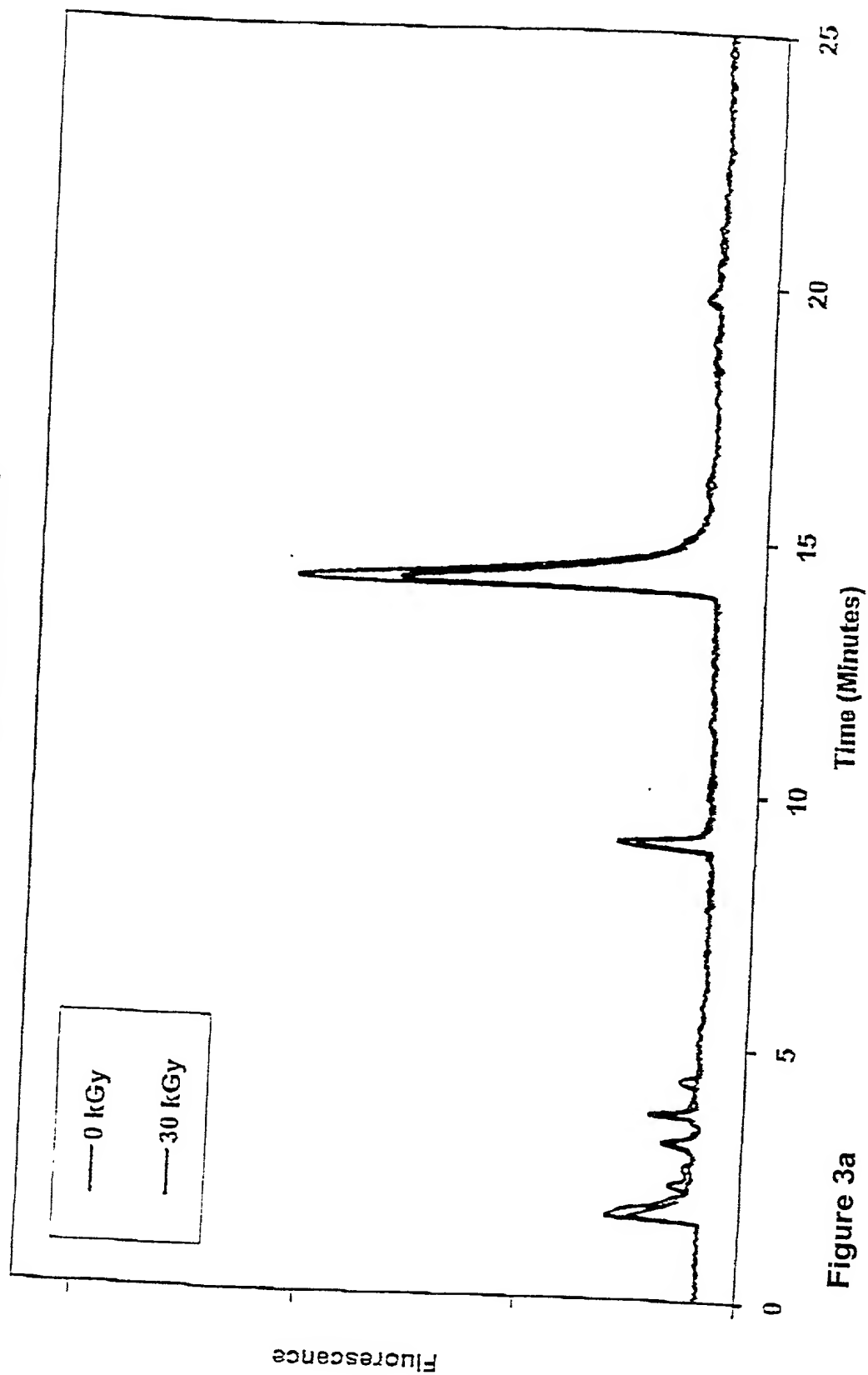


Figure 3a

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of a Cryopreservative (Containing Approximately 20% DMSO)

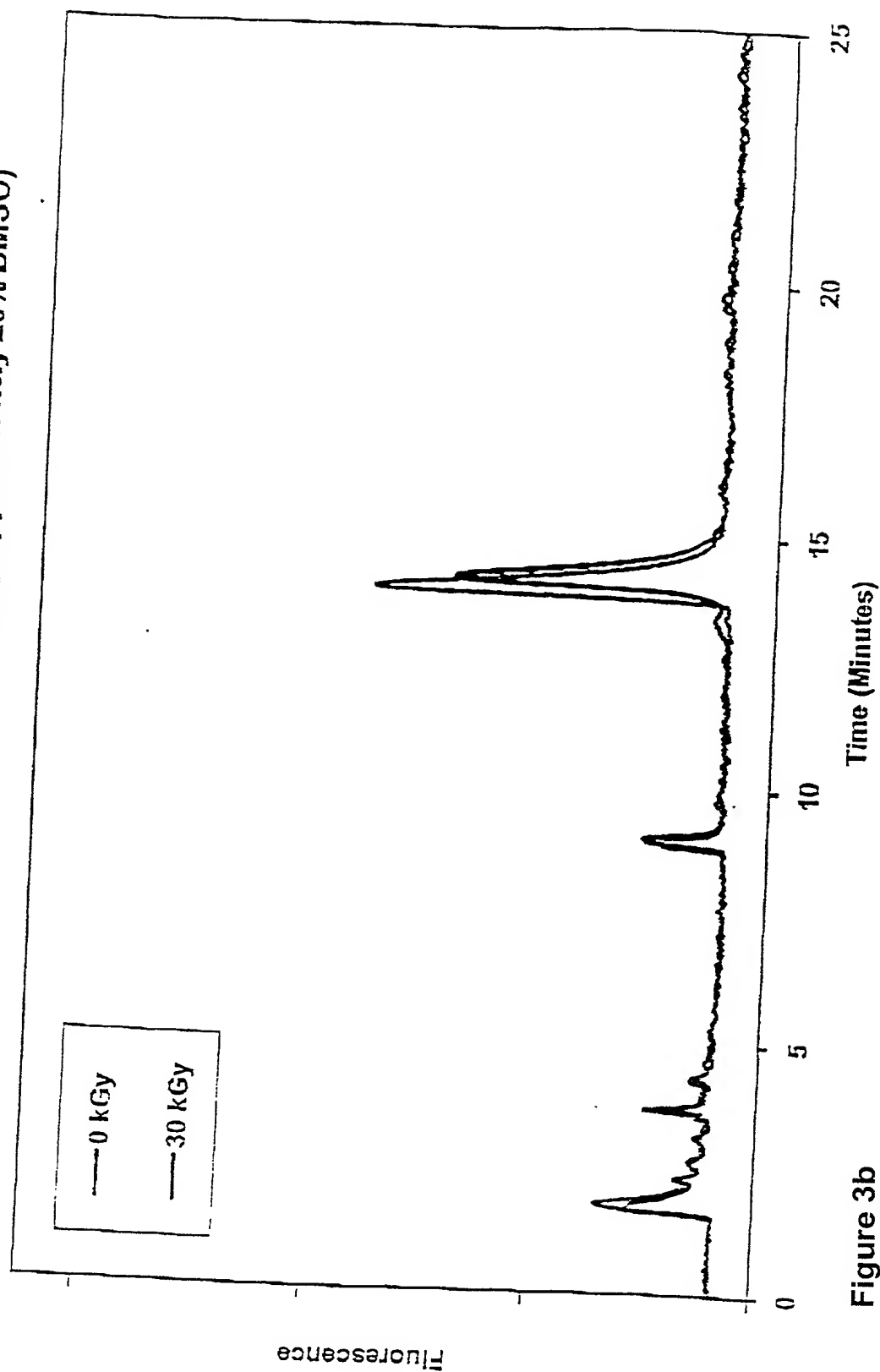


Figure 3b

Gamma Irradiation of Hydrolyzed Heart Valve
Cusps in the Presence of 50% DMSO

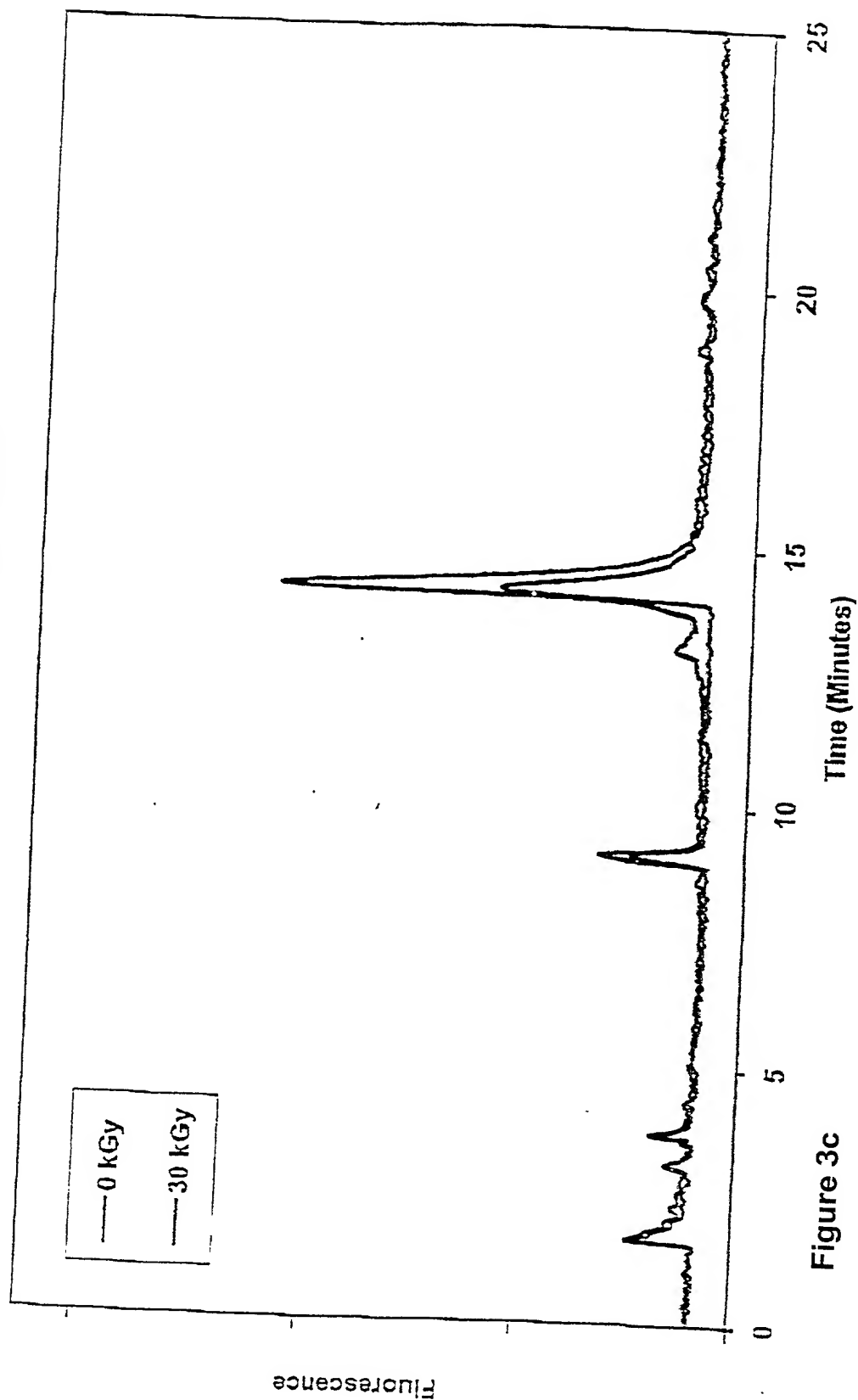


Figure 3c

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of 50% DMSO and Ascorbate

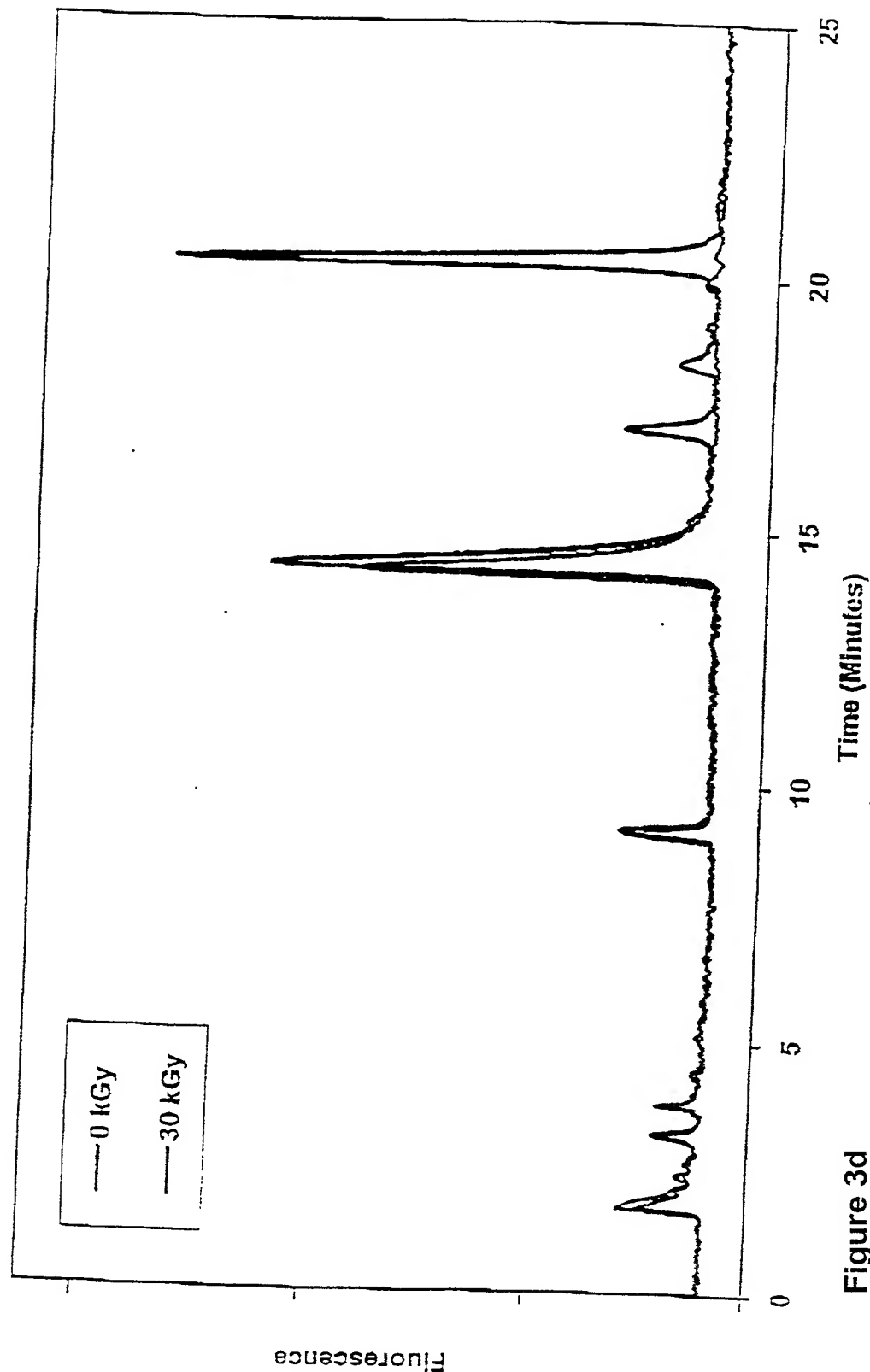


Figure 3d

Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of Various Solvents

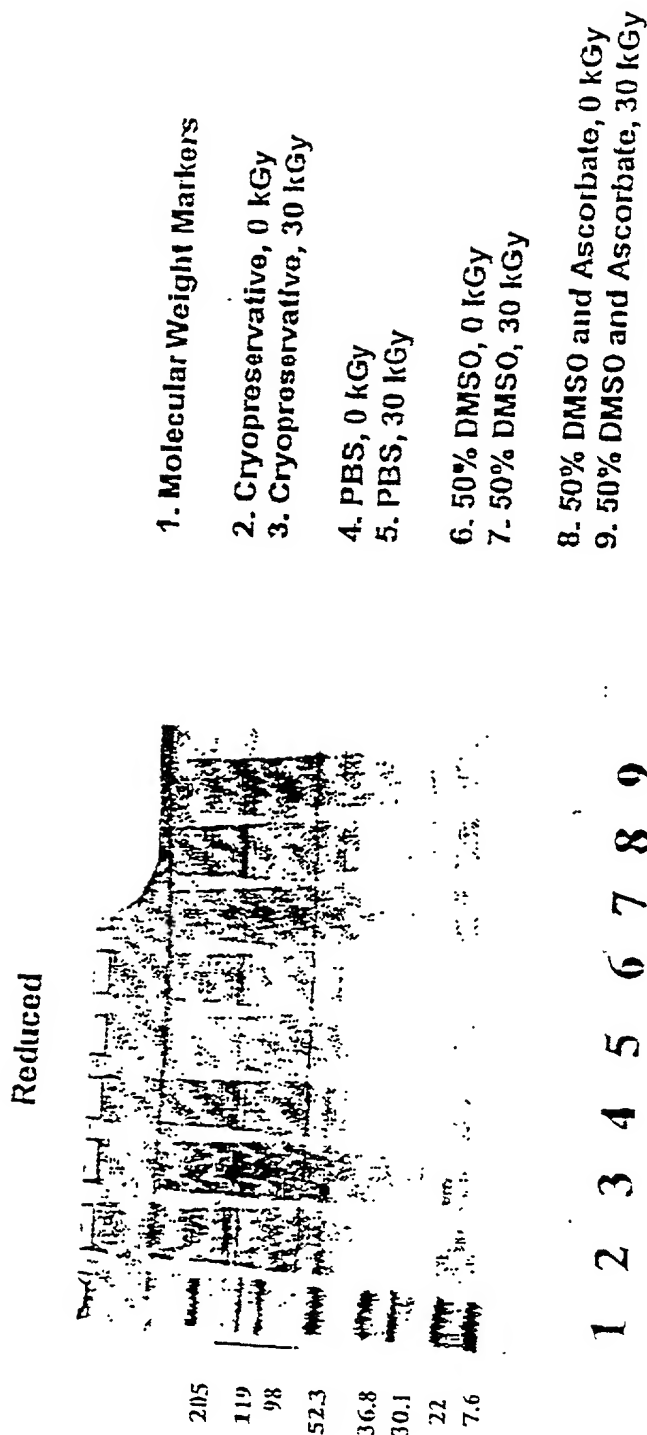


Figure 3e

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PBS

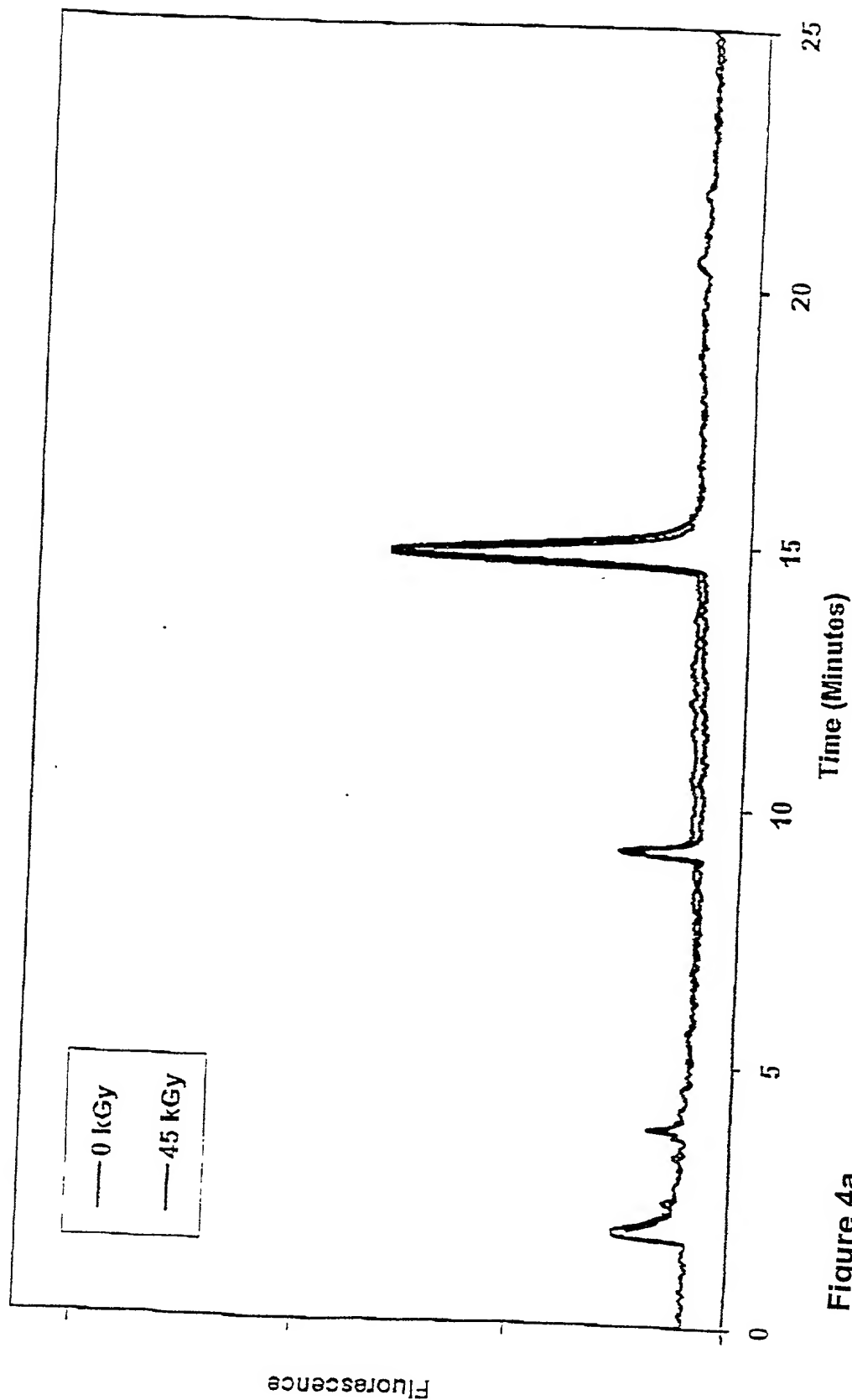


Figure 4a

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PBS and Ascorbate

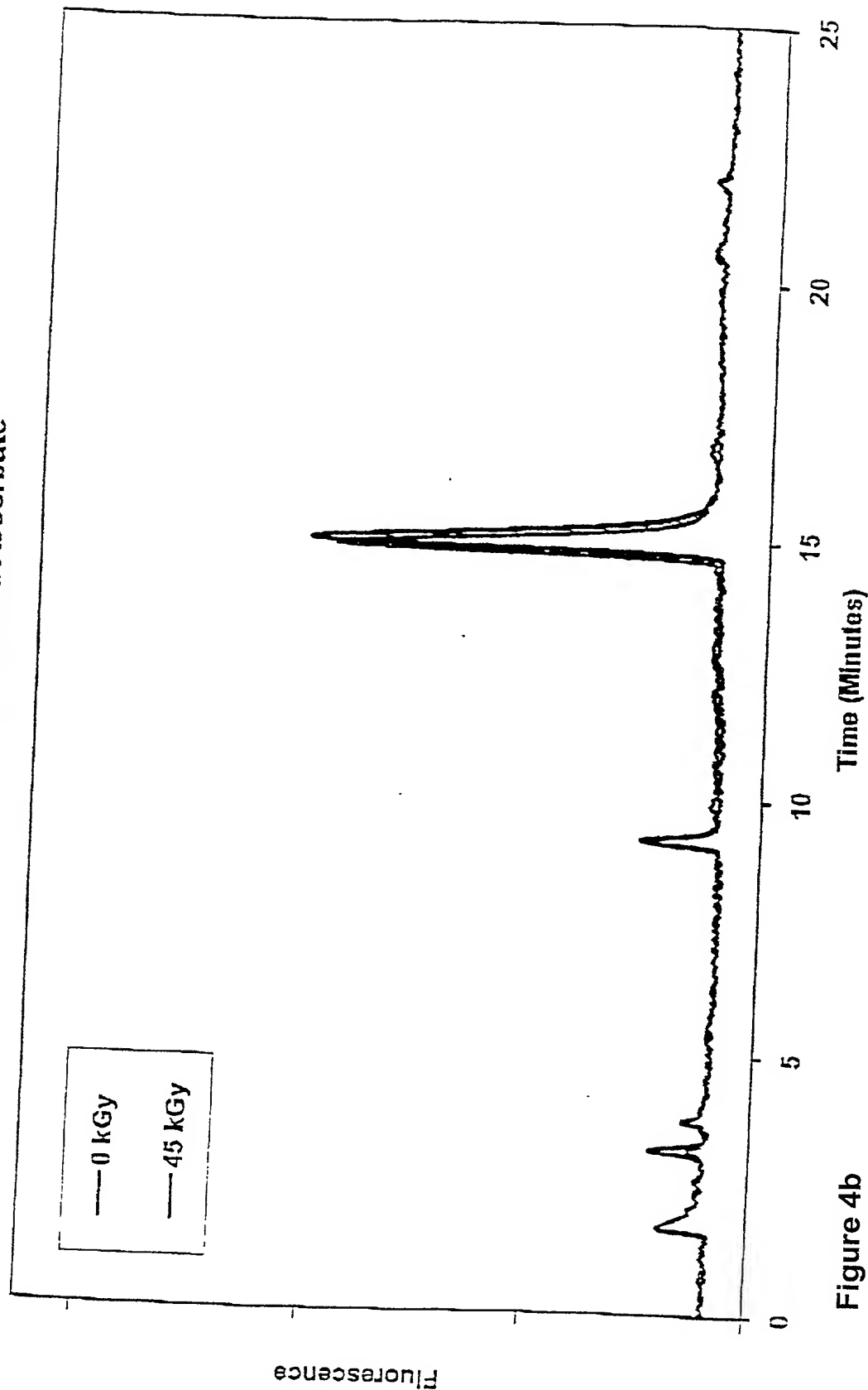


Figure 4b

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PPG 400

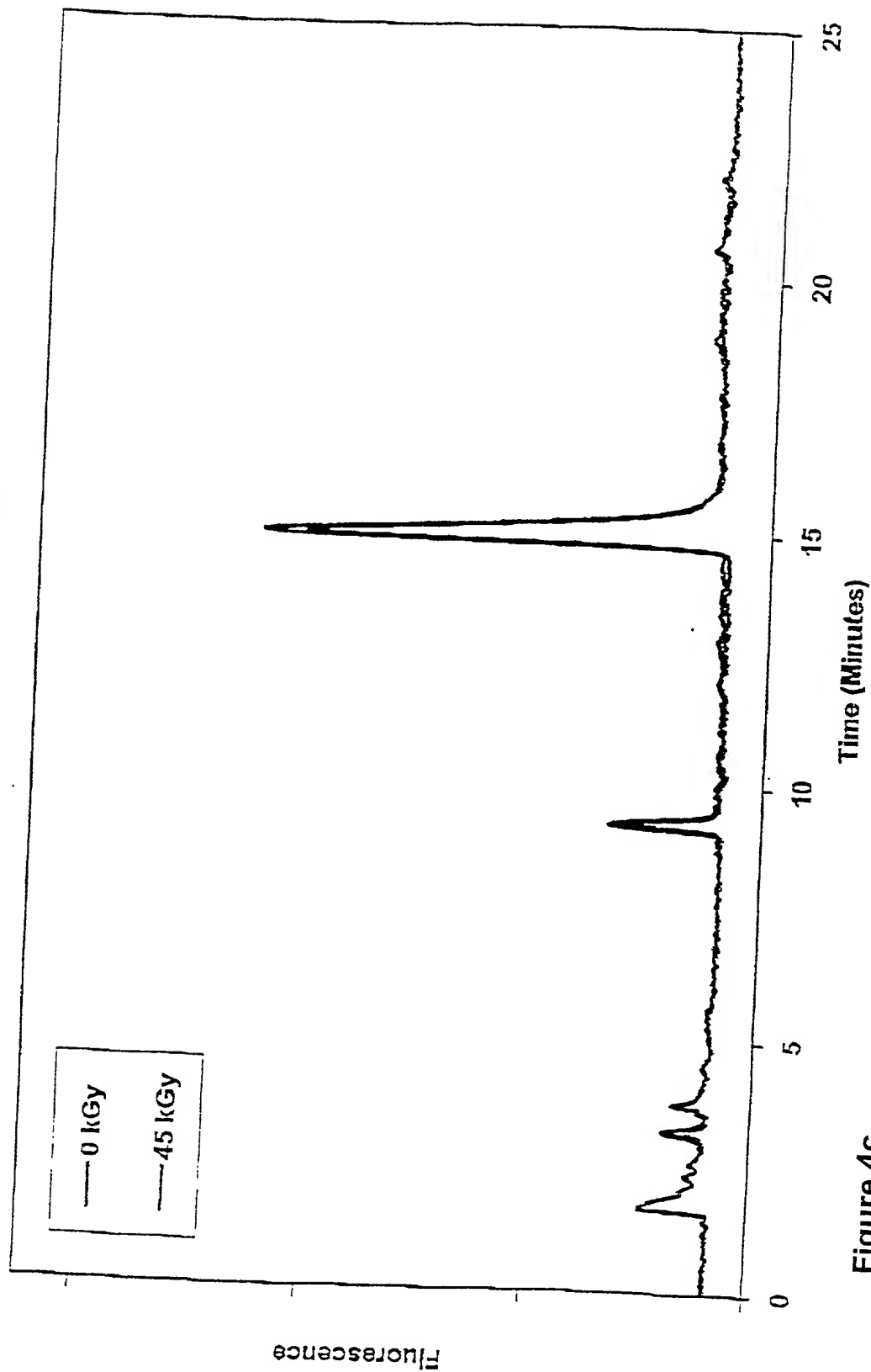


Figure 4c

Gamma Irradiation of Hydrolyzed Heart Valve Cusps Dehydrated with PPG 400 and Rehydrated in the Presence of PBS and Ascorbate

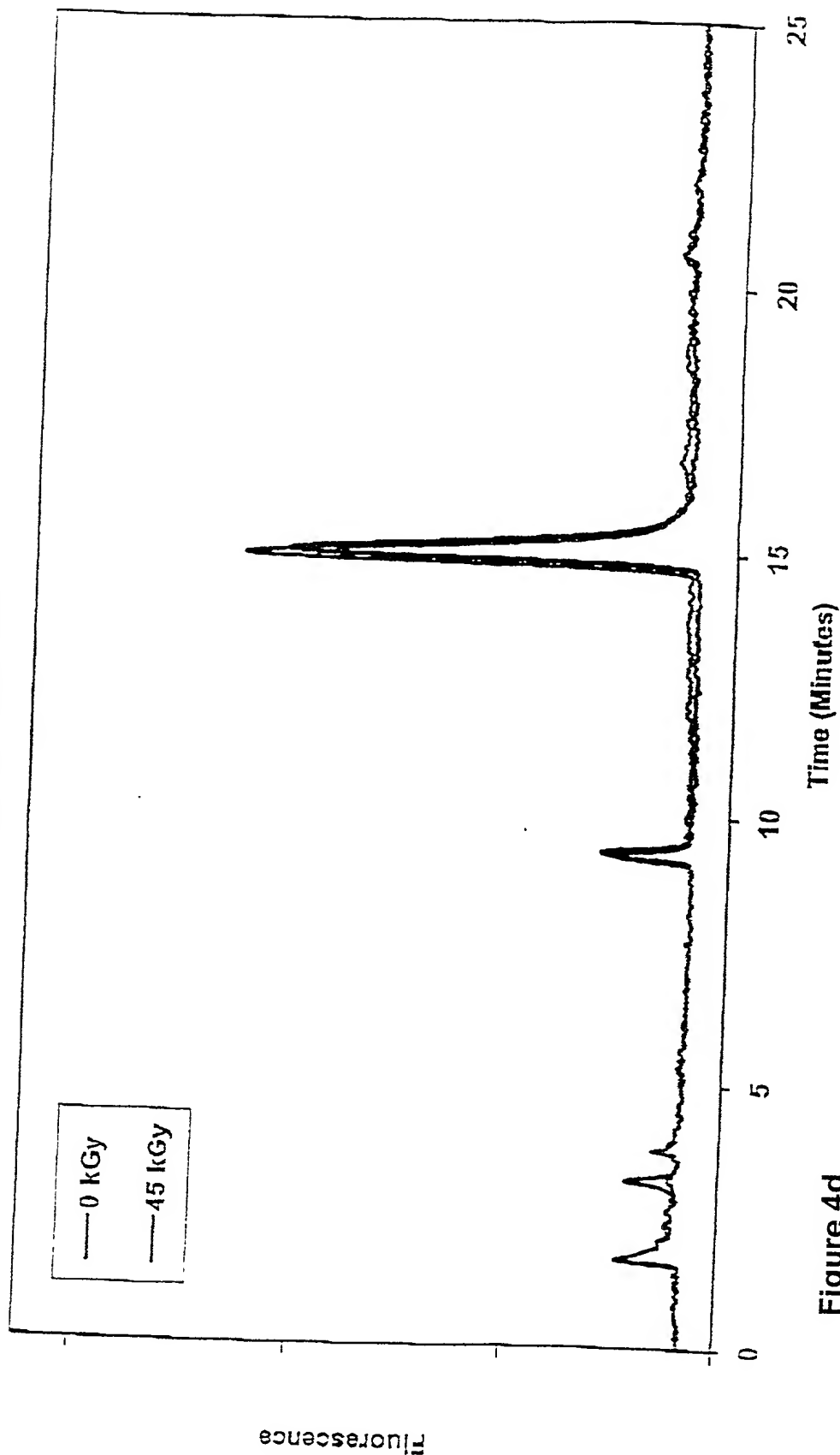


Figure 4d

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of 50% DMSO

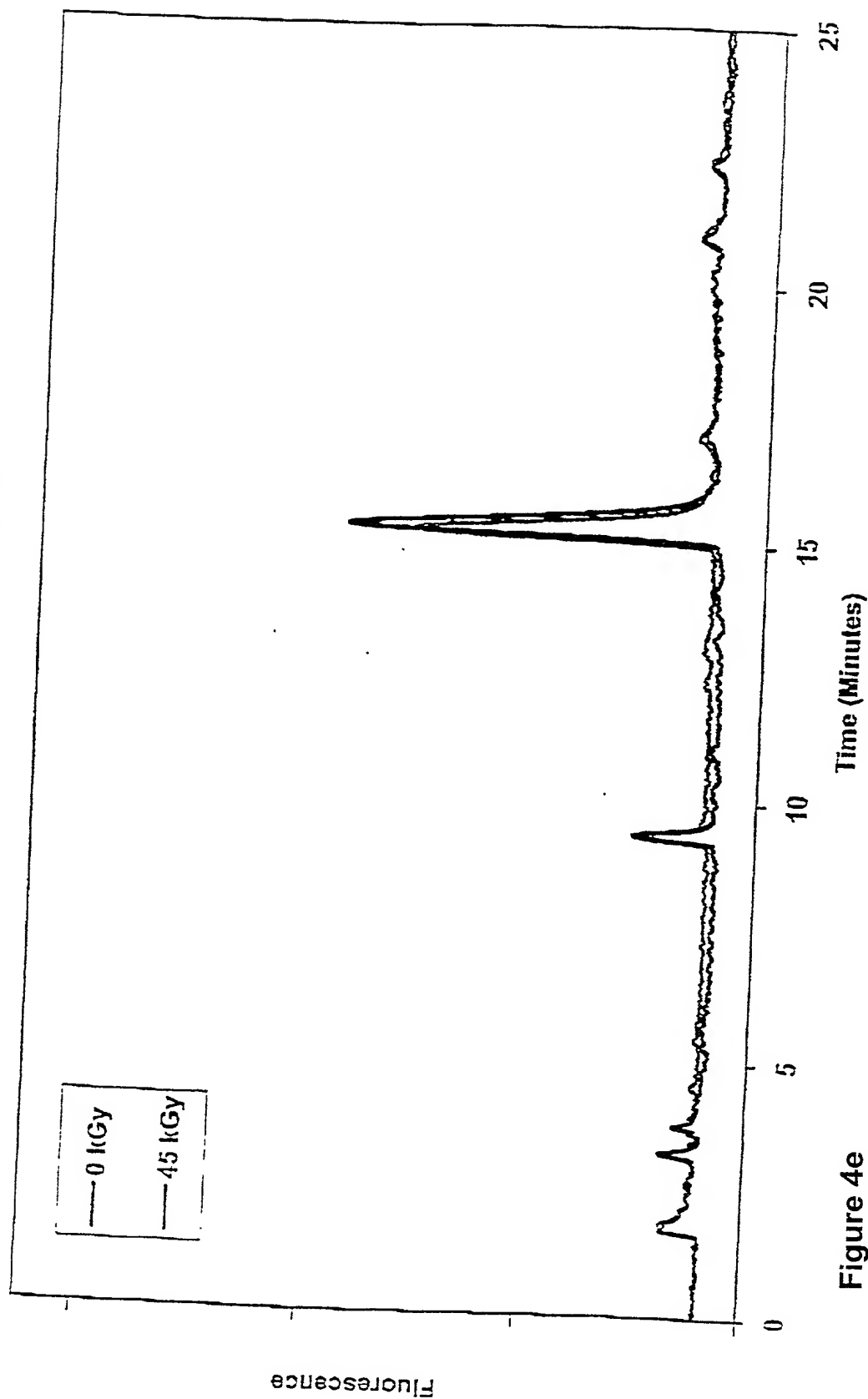


Figure 4e

Gamma Irradiation of Hydrolyzed Heart Valve Cusps
in the Presence of 50% DMSO and Ascorbate

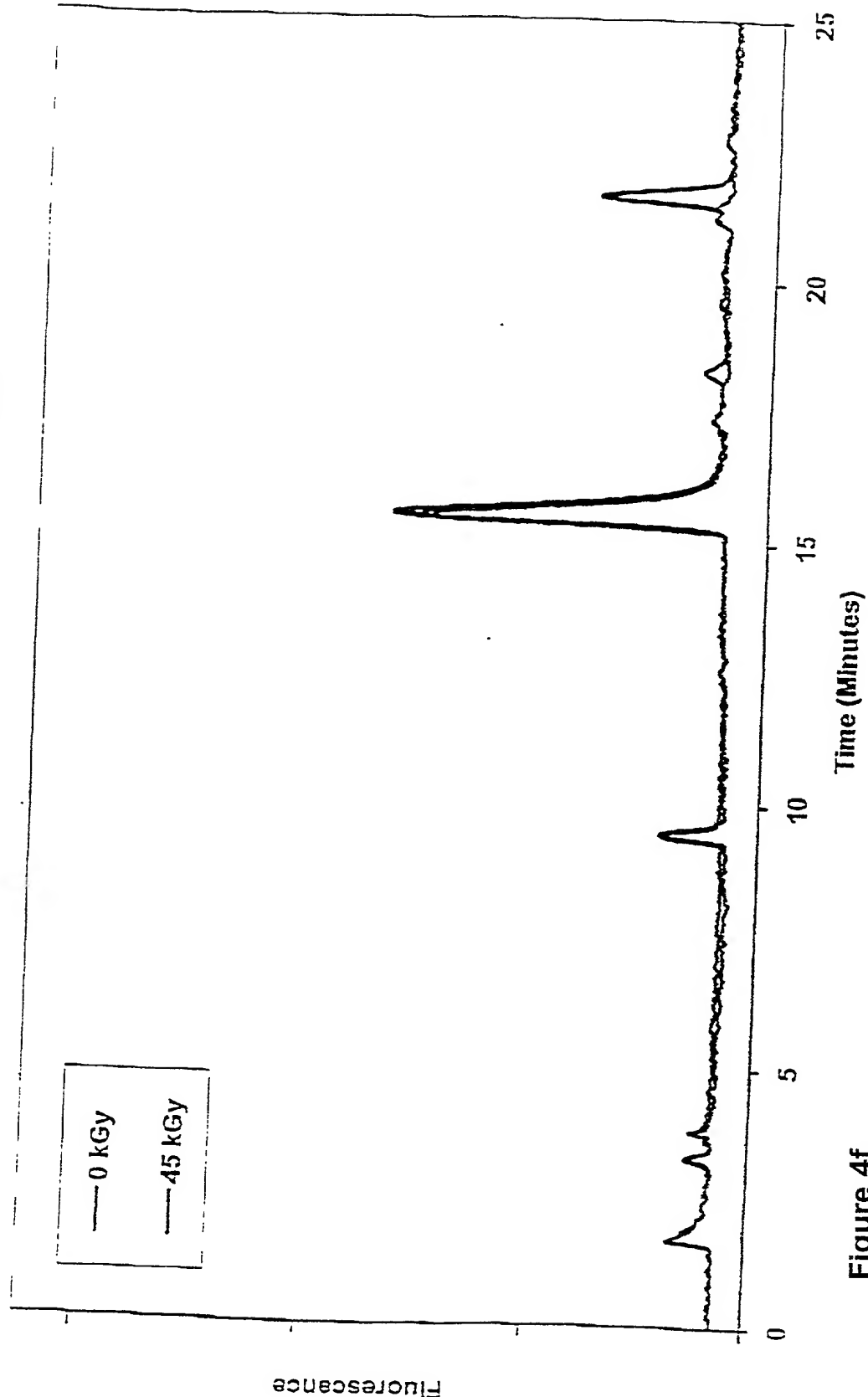


Figure 4f

Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of Various Solvents

1. Molecular Weight Markers

2. PBS, 0 kGy

3. PBS, 45 kGy

4. PBS and Ascorbate, 0 kGy

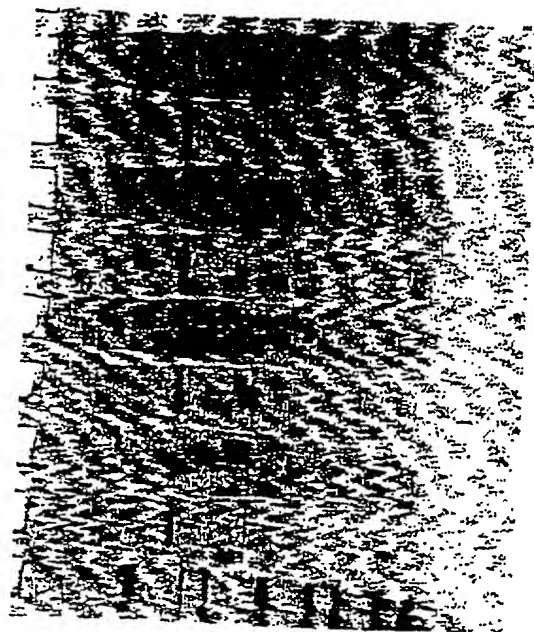
5. PBS and Ascorbate, 45 kGy

6. PPG400, 0 kGy

7. PPG400, 45 kGy

8. Dehydrated in PPG400 and Rehydrated with PBS and Ascorbate, 0 kGy

9. Dehydrated in PPG400 and Rehydrated with PBS and Ascorbate, 45 kGy



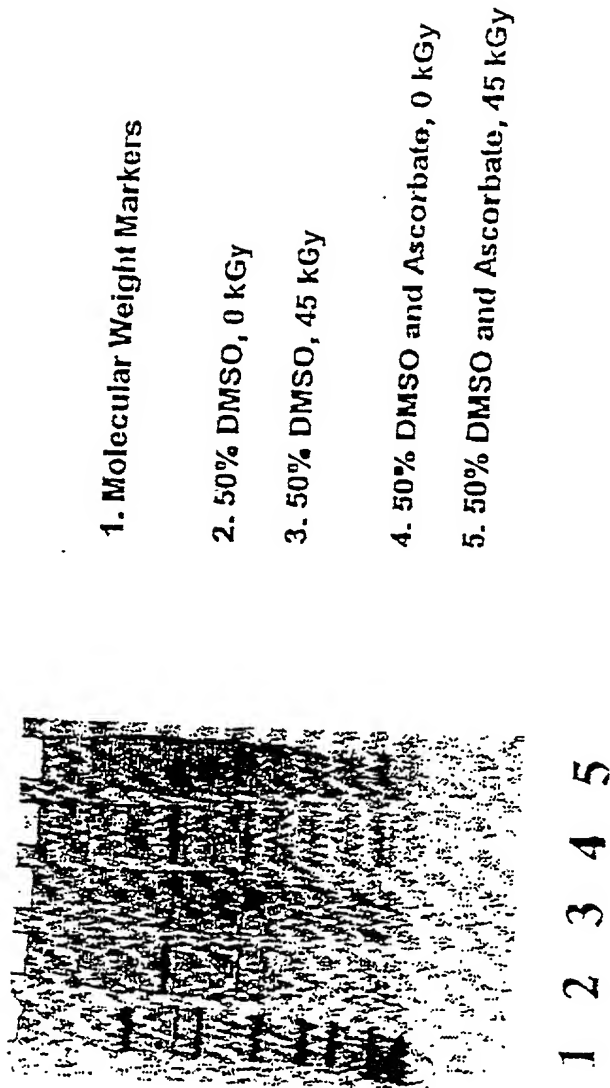
205
119
98
52.3
36.8
30.1
22
7.6

1 2 3 4 5 6 7 8 9

Figure 4g

Valve Cusps in the Presence of Various Solvents

Gamma Irradiation of Porcine Heart



205
119
98
52.3
36.8
30.1
22
7.6

Figure 4h